

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)	Examiner: Unknown
Johan Samuel VAN DEN BRINK)	Art Unit: Unknown
Serial No.: not assigned)	
Filed: herewith)	
Title: A Method for K-Space Data)	
Acquisition and MRI Device)	
Attorney Docket No.: PHNL020945US)	Cleveland, Ohio 44143
		March 31, 2005

Information Disclosure Statement under 37 CFR 1.97(b)(3)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Further to the filing of the National Stage Entry of PCT patent application, serial number PCT/IB2003/004014, Applicant submits an Information Disclosure Statement under 37 CFR 1.97(b)(3). Along with the foreign and article references, Applicant also encloses a form PTO/ISB/08A listing all of the references for the Examiner's convenience.

Applicant believes that no charge is due for the submission of this Information Disclosure Statement. However, please charge any necessary fees in connection with this submission to our Deposit Account No. 14-1270.

Respectfully submitted,



Thomas M. Lundin
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	unknown
Filing Date	herewith
First Named Inventor	Johan VanDenBrink
Art Unit	unknown
Examiner Name	unknown
Attorney Docket Number	PHNL020945US

Sheet	1	of	2
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Sheet	2	of	2	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>unknown</td> </tr> <tr> <td>Filing Date</td> <td>herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>Johan VanDenBrink</td> </tr> <tr> <td>Art Unit</td> <td>unknown</td> </tr> <tr> <td>Examiner Name</td> <td>unknown</td> </tr> <tr> <td>Attorney Docket Number</td> <td>PHNL020945US</td> </tr> </table>	Application Number	unknown	Filing Date	herewith	First Named Inventor	Johan VanDenBrink	Art Unit	unknown	Examiner Name	unknown	Attorney Docket Number	PHNL020945US
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BUONOCORE, M., et al.; High Spatial Resolution EPI Using an Odd Number of Interleaves; MRM; 1999; 41:1199-1205.	
		CONSTABLE, R.T., et al.; Composite Image Formation in z-Shimmed Functional MR Imaging; MRM; 1999; 42:110-117.	
		GLOVER, G.H.; 3D z-Shim Method for Reduction of Susceptibility Effects in BOLD fMRI; MRM; 1999; 42:290-299.	
		LIANG, Z., et al.; Principles of Magnetic Resonance Imaging; IEEE; 2000; chapter 5.2.3, pp 157-164.	
		LUK PAT, G.T., et al.; Reducing Flow Artifacts in Echo-Planar Imaging; MRM; 1997; 37:436-447.	
		MANSFIELD, P.; Multi-planar image formation using NMR spin echoes; J. Phys. C: 1977; Vol. 10, pp. L55-L58.	
		PANYCH, L.P., et al.; Selection of High-Definition 2D Virtual Profiles; MRM; 1999; 41:224-229.	
		SONG, A.W.; Single-Shot EPI with Signal Recovery from the Susceptibility-Induced Losses; MRM; 2001; 46:407-411.	

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